

ANNEX VI

FOOD ADDITIVES PERMITTED IN FOODS FOR INFANTS AND YOUNG CHILDREN

Note

Formulae and weaning foods for infants and young children may contain E 414 (acacia gum, gum arabic) and E 551 (silicon dioxide) resulting from the addition of nutrient preparations containing not more than 150 g/kg of E 414 and 10 g/kg of E 551, as well as E 421 (mannitol) when used as a carrier for vitamin B12 (not less than one part vitamin B12 to 1 000 parts mannitol). The carry over of E 414 in the product ready for consumption should not be more than 10 mg/kg.

Formulae and weaning foods for infants and young children may contain E 301 (sodium L-ascorbate), used at QS level in coatings of nutrient preparations containing polyunsaturated fatty acids. The carry over of E 301 in the product ready for consumption should not be more than 75 mg/l.

The maximum levels of use indicated refer to foodstuffs ready for consumption prepared following manufacturers' instructions.

PART 1

FOOD ADDITIVES PERMITTED IN INFANT FORMULAE FOR INFANTS IN GOOD HEALTH

Notes

- For the manufacture of acidified milks, non-pathogenic L(+)-lactic acid producing cultures may be used.
- If more than one of the substances E 322, E 471, E 472c and E 473 are added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.

E No	Name	Maximum level
E 270	Lactic acid (L(+)-form only)	<i>quantum satis</i>
E 330	Citric acid	<i>quantum satis</i>
E 338	Phosphoric acid	In conformity with the limits set in Annex I to Directive 91/321/EEC
E 306 E 307 E 308 E 309	Tocopherol-rich extract Alfa-tocopherol Gamma-tocopherol Delta-tocopherol	10 mg/l individually or in combination
E 322	Lecithins	1 g/l
E 471	Mono- and diglycerides	4 g/l
E 304	L-ascorbyl palmitate	10 mg/l
E 331 E 332	Sodium citrates Potassium citrates	2 g/l Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC

E No	Name	Maximum level	95/2/EC
E 339	Sodium phosphates	1 g/l expressed as P ₂ O ₅	98/72/EC
E 340	Potassium phosphates	Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC	
E 412	Guar gum	1 g/l, where the liquid product contains partially hydrolysed proteins and is in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC	
E 472 c	Citric acid esters of mono- and diglycerides of fatty acids	7,5 g/l sold as powder 9 g/l sold as liquid where the products contain partially hydrolysed proteins, peptides or amino acids and are in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC	
E 473	Sucrose esters of fatty acids	120 mg/l in products containing hydrolysed proteins, peptides or amino acids	

PART 2

95/2/EC

FOOD ADDITIVES PERMITTED IN FOLLOW-ON FORMULAE FOR INFANTS IN GOOD HEALTH*Note*

1. For the manufacture of acidified milks, non-pathogenic L(+)-lactic acid producing cultures may be used.
2. If more than one of the substances E 322, E 471, E 472c and E 473 is added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.
3. If more than one of the substances E 407, E 410 and E 412 is added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.

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E No	Name	Maximum level
E 270	Lactic acid (L(+)-form only)	<i>quantum satis</i>
E 330	Citric acid	<i>quantum satis</i>
E 306 E 307 E 308 E 309	Tocopherol-rich extract Alfa-tocopherol Gamma-tocopherol Delta-tocopherol	10 mg/l individually or in combination
E 338	Phosphoric acid	In conformity with the limits set in Annex II to Directive 91/321/EEC
E 440	Pectins	5 g/l in acidified follow-on formulae only
E 322	Lecithins	1 g/l
E 471	Mono- and diglycerides	4 g/l
E 407	Carrageenan	0,3 g/l
E 410	Locust bean gum	1 g/l
E 412	Guar gum	1 g/l
E 304	L-ascorbyl palmitate	10 mg/l
E 331 E 332	Sodium citrates Potassium citrates	2 g/l Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 339 E 340	Sodium phosphates Potassium phosphates	1 g/l expressed as P ₂ O ₅ Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 472 c	Citric acid esters of mono- and diglycerides of fatty acids	7,5 g/l sold as powder 9 g/l sold as liquid where the products contain partially hydrolysed proteins, peptides or amino acids and are in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC

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E No	Name	Maximum level	95/2/EC
E 473	Sucrose esters of fatty acids	120 mg/l in products containing hydrolysed proteins, peptides or amino acids	98/72/EC

PART 3

95/2/EC

FOOD ADDITIVES PERMITTED IN WEANING FOODS FOR INFANTS AND YOUNG CHILDREN IN GOOD HEALTH

E No	Name	Foodstuff	Maximum level
E 170	Calcium carbonates	Weaning foods	<i>quantum satis</i> (only for pH adjustment)
E 260	Acetic acid		
E 261	Potassium acetate		
E 262	Sodium acetates		
E 263	Calcium acetate		
E 270	Lactic acid (*)		
E 296	Malic acid (*)		
E 325	Sodium lactate (*)		
E 326	Potassium lactate (*)		
E 327	Calcium lactate (*)		
E 330	Citric acid		
E 331	Sodium citrates		
E 332	Potassium citrates		
E 333	Calcium citrates		
E 507	Hydrochloric acid		
E 524	Sodium hydroxide		
E 525	Potassium hydroxide		
E 526	Calcium hydroxide		
E 500	Sodium carbonates	Weaning foods	<i>quantum satis</i> (only as raising agents)
E 501	Potassium carbonates		
E 503	Ammonium carbonates		
E 300	L-ascorbic acid	Fruit- and vegetable-based drinks, juices and baby foods	Individually or in combination, expressed as ascorbic acid
E 301	Sodium L-ascorbate		0,3 g/kg
E 302	Calcium L-ascorbate		0,2 g/kg
E 304	L-ascorbyl palmitate	Fat-containing cereals, biscuits, rusks and baby foods	0,1 g/kg individually or in combination
E 306	Tocopherol-rich extract		
E 307	Alfa-tocopherol		
E 308	Gamma-tocopherol		
E 309	Delta-tocopherol		
E 338	Phosphoric acid	Weaning foods	1 g/kg as P ₂ O ₅
E 339	Sodium phosphates	Cereals	1 g/kg individually or in combination, expressed as P ₂ O ₅
E 340	Potassium phosphates		
E 341	Calcium phosphates		

(*) L(+)-form only.

E No	Name	Foodstuff	Maximum level
E 322	Lecithins	Biscuits and rusks Cereal-based foods Baby foods	10 g/kg
E 471	Mono- and diglycerides of fatty acids	Biscuits and rusks Cereal-based foods Baby foods	5 g/kg individually or in combination
E 472a	Acetic acid esters of mono- and diglycerides of fatty acids		
E 472b	Lactic acid esters of mono- and diglycerides of fatty acids		
E 472c	Citric acid esters of mono- and diglycerides of fatty acids		
E 400	Alginic acid	Desserts Puddings	0,5 g/kg individually or in combination
E 401	Sodium alginate		
E 402	Potassium alginate		
E 404	Calcium alginate		
E 410	Locust bean gum	Weaning foods	10 g/kg individually or in combination
E 412	Guar gum	Gluten-free cereal-based foods	20 g/kg individually or in combination
E 414	Acacia gum (gum arabic)		
E 415	Xanthan gum		
E 440	Pectins		
E 551	Silicon dioxide	Dry cereals	2 g/kg
E 334	Tartaric acid (*)	Biscuits and rusks	5 g/kg as a residue
E 335	Sodium tartrate (*)		
E 336	Potassium tartrate (*)		
E 354	Calcium tartrate (*)		
E 450a	Disodium diphosphate		
E 575	Glucono-delta-lactone		
E 1404	Oxidized starch	Weaning foods	50 g/kg
E 1410	Monostarch phosphate		
E 1412	Distarch phosphate		
E 1413	Phosphated distarch phosphate		
E 1414	Acetylated distarch phosphate		
E 1420	Acetylated starch		
E 1422	Acetylated distarch adipate		
E 1450	Starch sodium octenyl succinate		
E 333	Calcium citrates ⁽¹⁾	In low-sugar fruit based products	<i>quantum satis</i>
E 341	Tricalcium phosphate ⁽¹⁾	In fruit based desserts	1 g/kg as P ₂ O ₅
E 1451	Acetylated oxidised starch	Weaning foods	50 g/kg

(*) L.(+)-form only.

⁽¹⁾ The note in part 4 does not apply.

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PART 4

**FOOD ADDITIVES PERMITTED IN FOODS FOR INFANTS AND YOUNG CHILDREN FOR
SPECIAL MEDICAL PURPOSES**

The tables in Parts 1 to 3 of Annex VI are applicable.

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E number	Name	Maximum level	Special conditions
E 401	Sodium alginate	1 g/l	From four months onwards in special food products with adapted composition, required for metabolic disorders and for general tube-feeding
E 405	Propane 1,2-di(al)ginate	200 mg/l	From 12 months onwards in specialised diets intended for young children who have cow's milk intolerance or inborn errors of metabolism
E 410	Locust bean gum	10 g/l	From birth onwards in products for reduction of gastro-oesophageal reflux
E 412	Guar gum	10 g/l	From birth onwards in products in liquid formulae containing hydrolysed proteins, peptides or amino acids in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC
E 415	Xanthan gum	1,2 g/l	From birth onwards for use in products based on amino acids or peptides for use with patients who have problems with impairment of the gastro-intestinal tract, protein mal-absorption or inborn errors of metabolism
E 440	Pectins	10 g/l	From birth onwards in products used in case of gastro-intestinal disorders
E 466	Mono- and diglycerides of fatty acids	10 g/l or kg	From birth onwards in products for the dietary management of metabolic disorders
E 471	Mono- and diglycerides of fatty acids	5 g/l	From birth onwards in specialised diets, particularly those devoid of proteins
E 1450	Starch sodium octenyl succinate	20 g/l	In infant formulae and follow-on formulae

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